

1 1. A recombinant nucleic acid comprising the
2 sequence selected from the group consisting of: a) 68075_{DNA};
3 b) Clone TR2A; c) Clone TR2B; d) Clone TR3A; e) Clone TR3B;
4 f) clone TR3C; and g) a nucleic acid sequence that
5 hybridizes under stringent conditions with any of a) through
6 f).

A 2. A ^{purified} polypeptide comprising at least a portion of
1 human 68075 protein, which portion is active in promoting
2 regeneration of a process of a central or peripheral neuron
3 of a human.

1 3. The polypeptide of claim 2 wherein said
2 polypeptide is a human 68075 protein from natural or
3 recombinant sources.

1 4. The polypeptide of claim 2 or claim 3, wherein
2 said polypeptide includes the amino acid sequence encoded
3 by: a) 68075_{DNA}; b) degenerate variants of 68075_{DNA}, or c)
4 nucleic acid that hybridizes under stringent conditions with
5 68075_{DNA}.

A 5. A ^{purified} polypeptide having the amino acid sequence
1 encoded by a DNA sequence selected from the group consisting
2 of: a) 68075_{DNA}; b) Clone TR2A; c) Clone TR2B; d) Clone
3 TR3A; e) Clone TR3B; f) Clone TR3C; or g) degenerate
4 variants of a) through f).
(ATCC 75949)

A 6. The polypeptide of claim 5 wherein said
1 polypeptide promotes neuronal regeneration.
2

- 1 7. A method for promoting regeneration of a neuron
2 of a human, comprising providing the polypeptide of claim 2
3 to a human neuron in an amount sufficient to promote growth.

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B'

~~add~~
CS1

add_H